

ULTRAVIOLET RADIATION EXPOSURE SENSOR

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ABSTRACT

10 An ultraviolet radiation sensor that indicates a predetermined cumulative exposure to ultraviolet radiation is disclosed. The presently preferred sensor comprises a membrane, a base, an ultraviolet degradable adhesive, and an indicating mechanism. The ultraviolet degradable adhesive adheres a portion of the membrane to the base, thereby maintaining the membrane in a biased state. The ultraviolet degradable adhesive fails when a predetermined cumulative exposure has been attained. Upon 15 failure of the adhesive, the membrane reflexively restores itself to an unbiased state and activates the indicating mechanism. In a preferred embodiment of the invention, the sensor is worn by a user to indicate when the skin of the user has been exposed to excessive ultraviolet radiation.